

**APPENDIX B**

**PENDING CLAIMS**

1. (Once amended) A recombinant nucleic acid molecule that encodes a fusion polypeptide, the recombinant nucleic acid molecule comprising a Ra12 polynucleotide sequence and a heterologous polynucleotide sequence, wherein the Ra12 polynucleotide sequence consists of the sequence set forth in SEQ ID NO:3.
2. The recombinant nucleic acid molecule according to claim 1, wherein the Ra12 polynucleotide sequence is located 5' to the heterologous polynucleotide sequence.
3. The recombinant nucleic acid molecule according to claim 1, the recombinant nucleic acid molecule further comprising a polynucleotide sequence that encodes a linker peptide between the Ra12 polynucleotide sequence and the heterologous polynucleotide sequence.
4. The recombinant nucleic acid molecule according to claim 3, wherein the linker peptide comprises a cleavage site.
5. The recombinant nucleic acid molecule according to claim 1, wherein the fusion polypeptide further comprises an affinity tag which is linked to the fusion polypeptide.
6. The recombinant nucleic acid molecule according to claim 1, wherein the heterologous nucleic acid sequence encodes a DPPD, a WT1, a mammaglobin, or a H9-32A polypeptide.
10. (Once amended) A recombinant nucleic acid molecule that encodes a fusion polypeptide, the recombinant nucleic acid molecule comprising a Ra12 polynucleotide sequence and a heterologous polynucleotide sequence, wherein the Ra12

polynucleotide sequence encodes a Ra12 polypeptide consisting of the sequence set forth in SEQ ID NO:17.

11. (Once amended) A recombinant nucleic acid molecule that encodes a fusion polypeptide, the recombinant nucleic acid molecule comprising a Ra12 polynucleotide sequence and a heterologous polynucleotide sequence, wherein the Ra12 polynucleotide sequence encodes a Ra12 polypeptide consisting of the sequence set forth in SEQ ID NO:18.

13. (Once amended) A recombinant nucleic acid molecule that encodes a fusion polypeptide, the recombinant nucleic acid molecule comprising a Ra12 polynucleotide sequence and a heterologous polynucleotide sequence, wherein the Ra12 polynucleotide sequence encodes a Ra12 polypeptide consisting of the sequence set forth in SEQ ID NO:4.

14. An expression vector comprising a promoter operably linked to a recombinant nucleic acid molecule according to claim 1.

15. A host cell transformed or transfected with an expression vector according to claim 14.

16. The host cell according to claim 15, wherein the host cell is *E. coli*.

27. (Once amended) A method of producing a fusion polypeptide, the method comprising expressing in a host cell a recombinant nucleic acid molecule that encodes a fusion polypeptide, the fusion polypeptide comprising a Ra12 polypeptide and a heterologous polypeptide, wherein the Ra12 polypeptide is encoded by a Ra12 polynucleotide sequence that consists of the sequence set forth in SEQ ID NO:3.

28. The method according to claim 27, wherein the fusion polypeptide further comprises an affinity tag which is linked to the fusion polypeptide.

29. The method according to claim 27, wherein the fusion polypeptide is purified from the host cell.

31. The method according to claim 27, wherein the host cell is *E. coli*.